

SYSTEM AND METHOD FOR COMBINING
SIGNALS AT MULTIPLE BASE STATION RECEIVERS

ABSTRACT OF THE DISCLOSURE

There is disclosed a system and method wherein signals
5 generated by a mobile station and received at multiple base
transceiver stations, are combined utilizing signal processing
techniques. Signals received at non-target Base station
transceivers are directed, by each non-target BTS, to a target
BTS where a combiner is utilized to assemble the received
signals (bits) into a packet, or frame, and to determine if an
error condition exists. The error condition of the frame or
packet determines whether to utilize BTS power control circuitry
to notify the mobile station to adjust the mobile station
transmit power up or down.